



The Blurb



Newsletter of The Phil-Mont Mobile Radio Club
Public Service Since 1949

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June 2003

Field DAY-2003



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The Blurb is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. *Copying and quoting* is permitted with a credit line. We gladly exchange publications with other amateur radio clubs. Requests should be sent to the Editor. *Subscriptions* are available to non-members for \$10, addressed to the Treasurer.

Editor: Maggie Leber

K3XS

k3xs@arrl.net 610-630-9862

Asst. Editor/Archivist:

Gwen Patton **NG3P**

ng3p@arrl.net 610-630-9862

Labels and mailing:

WB3KOJ & WB3KOH

Submissions deadline: all copy must be in the hands of the Editors by the 20th of the previous month.

Artist: Sam Kuncovich
N3QIE (his 539th issue)



Contact Phil-mont:

P.O. Box 88

Abington, PA 19001

<http://www.phil-mont.org>

webmaster Steve WU3I wu3i@arrl.net

For club information: contact any club officer, or the repeaters listed below. Address or club directory changes, and articles that are for the membership e-mail list should be sent to:
wb3koj@comcat.com

The club meets at 7:30 PM on the **second non-holiday Wednesday** of every month except July and August at
The Masonic Home
801 Ridge Pike
Lafayette Hill, PA
19444-1799

All visitors are welcome!

Sunday Morning Net Schedules

- **2 Meter Net**.....at 09:30et on W3QV repeater
- **10-on-10 Net**at 10:00et 28.393 MHz USB (±QRM)
- **75 meter Net**at 10:20et 3.993 MHz LSB

License Examinations

are held on the **first non-holiday Thursday** each month at

Northeast High School,

Cottman and Algon Sts., Philadelphia.

Registration begins at 6:00 P.M. Enter through the SPARC wing. Doors closed and locked at 6:30 P.M. Sharp ! Exams begin.

Club Stations

W3QV Club Repeater – Trustee: W3BBB
Ridge & Port Royal Avenues, Philadelphia, PA
147.03 MHz + PL 91.5 Hz
444.80 MHz + PL 186.2 Hz

W3EM – Field Day and special events station – Trustee W3VVS
Club 2m simplex frequency : 147.51 MHz

President:KB3IV

Ed Masarsky
15 Poe Ave
Wyncote PA
19095-2903
215-572-5238
kb3iv@aol.com

Vice President:W3STW

Al Tribble
2848 Carter Rd.
Trevose PA 19053
wstw@juno.com

Secretary:WA3KIO

Fred Rice
1933 Greymont St.
Philadelphia PA
19116-3804
215-673-2854
wa3kio@arrl.net

Treasurer: W3RM

Richard A. Moll
roger.mike@verizon.net
Asst. Treasurer: N3MT
Micheal P. Taraborrelli
mtarab01@villanova.edu

Directors: WU3I (04), W3BBB(03), N3MT (03), K3CJ (04), W3AOK(03), K3XS(04), N3XKE (A)

Committees

Archives: NG3P
Audit: NS3K
Awards:

Blurb folding:
WB3KOJ & WB3KOH
Directory:WB3KOJ
DX: N3MT
Emerg.Coar.: N3XKE
Field Day: WU3I

Internet: WU3I
Membership: W3LEN
Net Control: KB3IV
Publicity: W3RM
Program: Club VP

Public Service:
Refreshments: W3AOK
Repeater: W3BBB
Skywarn: WX3PHI
Sunshine: N3GLU
Youth: N3MT

TVI: W3VVS
VE Program: ND3Q
W3AA Trustee: WU3I
Welcome: K3CJ.



What do you do when you have a public service event and no repeater coverage?



First thing you need is a good friend like Len, W3LEN who can loan a High Reach and a generator for the weekend. Second is to have a nice five channel portable repeater. Ours is by Maggiore Labs. (R-1)

We have this problem every year at the MS spring walk Ridley Creek state park.

The photo at the left is of W3CH putting the last touch on the portable repeater in the High Reach. The right-hand photo is of the repeater with its remote base up in the air on the High Reach. It worked very well all day on the event.

A big thank you to Kathy, AB2LF for helping with the install on Saturday. To Len, W3LEN for the help and supplying all the stuff to Metro-Comm, INC, W3PS for the use of the repeater and remote base at the Event. -de W3CH

New 220 Repeater Returns To Philadelphia

Phil-Mont members Steve (K3PHL) and Laura (KB3LRA) are pleased to announce the return of a recently dormant 220 MHz repeater in Philadelphia. The former K3QFP repeater located at Temple University was taken off the air some time ago with no plans to revive it. Steve and Laura came to an agreement with the current trustee of the repeater pair to allow full control of the frequency and worked over the winter to create a new 220 repeater for Philadelphia area hams. The repeater can be found on 224.180 MHz with a minus 1.6 MHz split, and a PL of 127.3 is required for access. They are currently applying for coordination.

The repeater is located in Center City Philadelphia at a height of 275 feet running 20 watts of power. The repeater has the ability to link to the IRLP (Internet Radio Linking Project) using node #4528 when requested by a control operator. IRLP is the new technology allowing repeaters to connect to one another via the internet. The voice quality is identical to that local repeater users.

K3PHL /R is an open repeater system. Steve and Laura welcome anyone to use the system as long as they follow the same code of conduct you would on Phil-Mont's repeaters. Don't forget that Novice class license operators also have access to the 1.25m (220) band.

As you know, the 220 MHz band is

being threatened yet again by corporate interests so they are encouraging those with equipment to make use of the repeater and make their presence known on the band. If you would like more information on the repeater, IRLP, or how to get on the 220 band, contact Steve (k3phl@hotmail.com) or Laura (kb3lra@hotmail.com). Their website is <http://mywebpages.comcast.net/k3phl>

A Little Bit of Ra Heffernan

(KB3JCR) By; Ra Heffernan

First Things First !!!

As a new member to Phil-Mont. I am excited to share that my wife "Tia" and I are now with child !!! We have been planning and trying for 6 months and got the official word Feb 28th.

We are really excited to have a JUNIOR amateur in the works and already, I am planning on his/her intro to the world of electronics.

Now A History !!

I recall being a young man and hearing my father in his shack listening to broadcasts from around the world.

He was so excited to tune them in clearly that he would call my mother and me in to share it with us. He would make me listen to radio transmissions in German and French that I had no clue as to what they were saying.

When I was 10 he purchased a mobile "Kraco" 23 channel CB radio from Sears. He connected it to

a power supply and our TV antenna and handed me the mic.

Well I got out about a 1/2 mile and spoke with 3 people in our Southern California neighborhood but that day started a fire in me that would never die. By time I turned 12 I would have a Vertical 3 element, a Horizontal 4 element and a ground plane all sticking up about 60 feet off the roof top.

The rigs of course changed too, and ultimately my last rig was a Browning Golden Eagle. I was hitting the east coast of Australia and New York on bad days off the 4 element with 5 watts. I always new that someday I would get my Ham Ticket and join my dad with the big boys and girls on 10 meters, but as life would have it, I would sell all my equipment and get into Rock & Roll music and other things before really growing up.

Now I am 40, gratefully married to a wonderful partner and soon to be a father (again-but that's another story). I decided that now its time to get that Ticket and after picking up a receiver and monitoring the Phil-Mont 147.0300 repeater for several months and studying the question pool, February of 2003 was the month and year for my goal to be achieved.

THANKS, DAD!

Coming up!

Valley Forge Hamfest and
Computer Fair
July 13, 2003

www.marc-radio.org/hamfest.html

K1EA makes CT contest logging software freely available

Ken Wolff, K1EA has announce that as of April 2 2003, CT, his sophisticated contest logging and station control program is now freely available without charge. Ken says he's not halting work on the program, but simply that he no longer will charge for it.

CT Version 9 supports 50-line VGA display mode, color-coded band map, window position and color control, mouse support, sunrise/sunset tables, band switch support, variable CW spacing, increased CW speed range, beam headings, rotor control for Yaesu & HyGain, single op/multi TX support

More information is available at

<http://www.k1ea.com/>

The screenshot displays the CT Version 9.26 software interface. It features several windows:

- Check Country:** Shows a list of countries and call signs, including Argentina: LU Zone: 13, 169 deg sr/ss 0849/2310.
- PacketCluster(R):** Lists call signs and their corresponding rates, such as 1505 ZS6ME, 1500 EW3EE, 1359 S08HW, 1353 EU1DX, 1351 UY2LA, 1341 UT1EK, and 1321 EW3EE.
- Rates:** Displays summary statistics: Last 10 QSO Rate = 27.0, Last 100 QSO Rate = 35.6, Mult worth 9.5 minutes, Rates for all bands, Time ON: 44.5 hours, Time OFF: 3.4 hours.
- Radio 1:** Shows a list of radio frequencies and call signs, including 3292 20 2343 VG6SV, 3293 20 2347 XE1L, 3294 20 2350 ZP5CSM, 3295 20 2351 LU1YY, 3296 20 2353 LU1UM, 3297 20 2355 L37N, 3298 20 2356 LU1NF, 3299 20 2357 LU5FCI, and 3300 20.
- QSO's Needed All Bands:** A table showing the number of QSOs needed for various bands (Q, Z, C, D) and the current status (ALL, CQWW, Running Station, QSO's per Mult, Current Op).

CT 9 supports DXpedition mode and the following contests:

- CQ World Wide
- CQ 160 Meter
- CQ WPX
- ARRL International DX, both W/VE and DX sides
- ARRL 10 Meter
- ARRL 160 Meter
- ARRL November Sweepstakes
- ARRL Field Day
- ARRL VHF QSO Party
- ARRL VHF Sweepstakes
- Worked All Europe, both EU and DX sides
- IARU HF Championship
- All Asia, both Asia and DX sides
- California QSO Party, both CA and non-CA
- Florida QSO Party, both FL and non-FL
- WRTC (Team Members side)
- RAC Canada Day Contest
- RAC Canada Winter Contest
- Islands on the AIR (IOTA)
- PACC Contest
- Oceania DX Contest (f.k.a. VK/ZL Contest)
- New England QSO Party

ICOM	Kenwood	Yaesu
IC725	TS50	FT767
IC735	TS440	FT840
IC737	TS850	FT847
IC751	TS940	FT890
IC756	TS950	FT900
IC756PRO		FT920
IC761	TenTec	FT990
IC765	OMNI-VI	FT1000
IC775		FT1000MP
IC781		

CT directly interfaces with these radios (other radios may also work with CT, see the website):

Ask Ted: Windows Tips from N3OWM

I have been asked about viruses and what they are and how they affect Windows systems.

To start, most viruses come from e-mail. There is also a group of viruses called macro-viruses that attack the system via MS Office.

I read some where that VIRUS is an acronym that stands for "Very Important Resource under Siege". Sounds right.

Viruses are computer programs or macros with the sole purpose of destroying data on our computers or causing havoc on a network. The virus may only destroy unimportant files, or it may decide to erase all of your document files. A virus can cause an infected computer to do things on certain dates, as well as issue serious commands such as erasing our Registry files, thus disabling the operation and booting up of our computers.

Viruses are spread through executable files we get from friends (e-mail), downloads from the Web, or via a floppy disk.

So let's set up a Defense;

1. **Never accept files from anyone you don't know.** (Delete them) and then delete the deleted mail.
2. When downloading files off the Internet, **be sure it's from a reputable site.** (See rule 4)
3. **Never run or even peek at files** you receive through your email

program from people you don't know. If you have any doubts at all, e-mail the person back, and ask for verification that they sent you the file.

4. Install a **Virus Detection/Cleaning program** -- you can find a free one called AVG. <http://www.grisoft.com>. And while no program is foolproof 100% of the time (due to the complexity of new viruses appearing everyday), it is a good program. It's a good idea to scan all incoming files.
5. Setup a regular time to **update the virus definitions**, and then do it., tomorrow is not the time to update...but TODAY some of the commercial virus checkers come with an automatic update procedure that can relieve you of the duty to update.
6. **Backup** your important files regularly.
7. **Backup your important files regularly.** No the repeated line is not a mistake I'll say it again BACKUP....
8. Backing up data is the first line of defense. However if you discover a virus after a backup, that backup may be corrupt. Clean the system, and then do a new backup right over the corrupted one.
9. Users of MS Office 2000 can install two patches SR1A and SP2. After installing these patches, Outlook can not receive executable files, therefore reducing the chance of getting infected via e-mail.

9. To reduce the attach of a macro virus increase the security setting in office app to medium or high. If you really need the macro then lower the security setting for that session and then return it to the medium or high settings.

Quickie definitions of common viruses

Trojans

A Trojan refers to a program that appears as something you may think is safe, but hidden inside is usually something harmful, probably a worm or a virus. The lure of Trojans is that you may download a game or a picture, thinking it's harmless, but once you execute this file (run it); the worm or virus gets to work. Sometimes they will only do things to annoy you, but usually a worm or virus will cause damage to your system.

Worms

Worms operate differently. Do you remember the Star Trek show called 'The Trouble with Trebles'? These little creatures just kept replicating themselves. Well worms act the same way. A lot of the worms get a copy of your address list and send the worm out to all the addresses from your ID.

File corrupting viruses

These guys are nasty they usually attack file types like jpg, PDF, exe ?etc. They can delete, or just corrupt the files and can do it across network connections!!

Hoaxes

This is when someone forwards on a letter which often makes claims that if you receive a mail titled something similar to "Win a Holiday Cruise", and open it, your harddrive will be erased (or some

other such dire warning). While we can never be too careful, we have to be cautious to not be too gullible as well :) If you have any doubts about whether or not a warning you receive may be true or false, visit the HoaxBusters site.

<http://hoaxbusters.ciac.org/HBHoaxInfo.html> .

Microsoft does not send unsolicited e-mail about viruses, so if the e-mail says that this info is from Microsoft, it is a good guess that it is a hoax. But go to the site anyway and check it out.

Macro-Viruses

The Word Macro family of viruses use the Visual-Basic macro language to infect and replicate in and among MS Word documents and templates. Most notably, this new family of viruses is platform independent – they will infect documents and templates on DOS, Macintosh, Windows 3.x, Windows 9x and Windows NT operating systems.

These viruses use several of the features of the MS Word "environment" to auto-execute viral macro code. Once an infected document is opened and the virus launched, generally, the virus will infect the user's NORMAL.DOT template. This template is the basis for the majority of other documents and templates and is globally available to all other MS Word templates on the system. Once entrenched in the NORMAL.DOT file, the virus will spread to all other documents and templates as they are opened. Note that, by default, the NORMAL.DOT template is the first document opened when you launch MS Word

without specifying a different document on the command line. This will immediately put the virus in control every time you launch MS Word.

Word Macro viruses force documents to be saved as MS Word templates, despite what the name or extension of the document file might be recorded as. Forcing documents to be saved as templates is used as a means of propagation as macros are not saved in standard .DOC files. Only templates can contain any actual macro code and therefore be used as a carrier.

Next month: e-mail

A Big Thank You!

To All who helped!

A very big thank you to everyone who is helped with the MS Walks on Sunday May 4th.

We anticipate more than 7,500 walkers this weekend, added to the 3,500 from the first weekend makes more than 11,000 people who you helped.

Thank you for your support and for helping us achieve our mission: to end the devastating effects of Multiple Sclerosis.

73 de John
John H.Scott
Executive VP National MS Society
Greater Delaware Valley Chapter

Ohio Ham Hit with \$12,000 Fine in Malicious Interference Case

NEWINGTON, CT, May 22, 2003--Cooperation between Canadian and US amateurs has resulted in a \$12,000 Notice of Apparent Liability for Forfeiture (NAL) from the FCC to an Ohio amateur. The FCC has alleged that Ronald E. Sauer, WE8E, of Bedford Heights violated Part 97 rules prohibiting deliberate and malicious interference, transmission of music and failure to identify. The case involved daily interference to the Trans Provincial Net, a Canadian net that operates on 7.055 MHz.

"This was no small task and was accomplished with the help of many people from the US and Canada working together," said ARRL Great Lakes Vice Director Dick Mondro, W8FQT, who expressed thanks to all involved. In addition to TPN members, that included Radio Amateurs of Canada (RAC) officials, Industry Canada, the FCC, ARRL Michigan and Ohio Section officials, ARRL Official Observers and members of the Cuyahoga Amateur Radio Society (CARS).

"This was indeed an example of teamwork in action and proves again that the FCC does care and continues to work with us to stop interference," Mondro added.

TPN Assistant Manager Jim Taylor, VA3KU, said the interference to the net had gone on for several months. "Our break came when the jammer

decided to intensify his efforts by going to his local library and sending out repulsive and threatening e-mails to a few of our members," Taylor said. "I was one of his favorite targets." Taylor and other Canadian hams were able to determine that the e-mails had come from a public library terminal in the Cleveland, Ohio, area. Taylor contacted CARS President Bob Check, W8GC, for assistance in zeroing in on the jammer.

Tracking down the signal source involved mobile direction-finding work by three CARS members, who passed along their findings to the FCC's Detroit Office late last January. Already alerted to the situation, the FCC's Detroit Office had called on the Commission's High Frequency Direction Finding (HFDF) facility in Maryland. The HFDF group monitored jamming and the playing of music and narrowed down the search to an area near the intersection of Interstates 480 and 77 in the Cleveland area.

In the meantime, the FCC received the CARS report indicating that the interference was coming from Sauer's residence. On January 31, an FCC agent also used direction-finding techniques to track the source of the interference on 7.055 MHz to Sauer's home and conducted an inspection.

The FCC NAL said Sauer "admitted that he had been playing music and deliberately jamming the frequency of 7.055 MHz." Sauer "further admitted to jamming and playing music on this frequency on previous days," the FCC said.

Based on its findings, the FCC

concluded that the \$12,000 fine was justified. The FCC ordered Sauer to pay the fine within 30 days or file a written statement seeking a reduction or cancellation of the proposed forfeiture.

Philmont Board Meeting May 7

Attending the meeting were Al W3STW, Jim W3BBB, Steve WU3I, Ed KB3IV, Dick W3RM, Fred WA3KIO, and Ted KB3HAQ.

[I was there but arrived a tad late -ed.]

Ed KB3IV called the meeting to order. Net schedules were changed this month due to Mother's Day and the Dayton Hamfest.

Treasurer's report: Dick W3RM reported that club domain name was renewed for three years. Regulars contributed to the Claude Haring Memorial Fund. Everything else is on target.

Field Day: Steve WU3I reported that the deadline for tee shirts and pins would be at the end of the general meeting on May 14th. The rotors that had problems last year will be looked at. Logging computers will be checked out and gotten ready with a printer to do hard copy for the 40 meter CW station. Generators without GFI's



206th Monthly Phil-Mont

VE Exam Session Statistics for May 1, 2003

Four candidates took four elements, and we had two upgrades and two new amateurs. The VE team was chaired by Dusty Rhoads ND3Q, and the other participating VEs were:

Jim McCloskey NS3K
Pete Butler WB2B
Bob Freer W3YLT

Upcoming Exam Sessions:

(See page 2 for details)

June 5, 2003

No exams in July and August 2003.

are reserved for us.

Membership: There are no new members to report this month.

W3AA: Things are progressing. Jim W3BBB has made shelves for equipment in the consoles. Antenna work is complete for now until a tower goes up.

VE Session: Steve WU3I reported 3 people tested for 6 elements with a 50% passing rate.

Repeater: Jim W3BBB reported that center city has been shut down with the equipment to be removed. Other possible sites are being looked into. Echolink is still being tested at this time with certain

issues being worked out.

Programs: Al W3STW reported this month's talk would be from a representative of PECO on Safety Issues with respect to power lines. June will be a talk by Steve WU3I on Field Day.

New Business: Dick W3RM reported that W3LEN has requested to have materials that comprise the new member packages be reviewed and updated where needed. At this time, Al W3STW made a motion to adjourn the meeting and Steve WU3I seconded it. The meeting was adjourned at 9:20pm.

73 de WA3KIO

General Meeting May 14

22 people attended the General Meeting.

Ed KB3IV called the meeting to order.

Treasurer report: Dick W3RM reported that June 1st would be the deadline for the FAR scholarships.

W3AA: Steve WU3I reported that Jim W3BBB finished the shelves for W3AA, which have been installed. A UHF-VHF amplifier has been installed. All antenna work has been done for now until a tower is installed. Full HF with digital capability has been done. Cabling will be next. We now have the lesson plans from the ARRL. We should be ready by fall as an after school elective for students who wish to take a class in Amateur

Radio.

Field Day: Steve WU3I reported that the last chance to order Field Day shirts and pins is right after the meeting. Items to be picked up and paid for at the June meeting. Philmont will be subsidizing shirts and pins. The cost for shirts for those attending Field Day will be \$10.00. For those not attending the cost is \$12.95. Pins are \$5.00 with the club subsidizing \$2.95 and shipping for those attending Field Day. Saturday evening's meal has not been determined yet. Steve and Joanne N3FTC will be handling all the meals. Deadline for food will be at next month's meeting. This will be Steve's last year coordinating Field Day.

Echolink: There is still some fine-tuning going on.

Website: Steve reported that there was a comment about the site not being timely. Let Steve or Maggie K3XS know of any timely things that need to be put on the site.

At his time, Ed turned things over to Al W3STW who introduced our guest Jim Flanagan from PECO with a presentation of safety precautions we should observe, especially those of us who do antenna work. Al adjourned the meeting at 9:20pm.

73 de WA3KIO



Membership Stats
At press time P.M.R.C. has:
103 Fully paid members
9 Family members
2 Youth members
2 Honorary Members
1 Pending Member:

Adam M. Hufnagle KB3JCP(tech)
4603 Marple St.
Phila., PA 19136-3701
215-624-6770
KB3JCP@aol.com

June Birthdays

04 Dick Moll – W3RM
Sue Sadwin – N2CYA
06 Chuck Hillman – K3QLY
10 Thomas Maresca (OM K3YPH)
11 Marc Zaharchuk – WA3CRM
12 Miriam Elmaleh – K3UJI
(XYL K3HIJ)
23 Temple Rykaczewski
(XYL W3ALM)
24 Anthony Vece – W2AJV
28 Betsy Reichert – N3EBE
30 Mike Lenczynski – KA3EIP
Fred Rice – WA3KIO

Directory Update
W3INW
1801 Susquehanna Rd. 113M
Elkins Park PA 19001
bfield1002@comcast.net

Last minute notes...

Steve WU3I announced at the May General Meeting that this will be his last year as Field Day Chairman--he will still do the antennas and he and Joann N3FTC will continue to provide the meals, but as he put it "it's time for somebody else to take a turn in the barrel"

Let Ed KB3IV know if you're interested in taking the reins for next year's Field Day.

The Phil-Mont website has been updated and spruced up a little bit. The Net Control format that our Net Controls use is available there now, so if you don't have the latest script handy, or you're interested to see what our NCSs work from before volunteering yourself, it's all there for your perusal.

<http://www.phil-mont.org>

Date	June 2003 with Phil-mont
Sun 01	
Mon 02	
Tue 03	
Wed 04	Board of Directors Meeting - WRDV
Thu 05	VE Exams at Northeast High
Fri 06	
Sat 07	
Sun 08	NCS: 2mWA3NSP - 75m WA2AJV
Mon 09	
Tue 10	
Wed 11	General Meeting at Masonic Home - see p2
Thu 12	
Fri 13	
Sat 14	
Sun 15	Father's Day NCS: 2m N3OWM- 75m WA3KIO
Mon 16	
Tue 17	
Wed 18	
Thu 19	
Fri 20	
Sat 21	
Sun 22	NCS: 2m KB3IV- 75m KB3IV
Mon 23	
Tue 24	
Wed 25	
Thu 26	
Fri 27	
Sat 28	
Sun 29	NCS: 2m N3FTY - 75m W3STW
Mon 30	

First Class Mail

The Phil-Mont Mobile Radio Club, Inc
641 Kismet Road Philadelphia PA 19115

The Blue